

26788-024 sequence listing.txt
SEQUENCE LISTING

BEST AVAILABLE COPY

<110> Nucleonics, Inc.
Pachuk, Catherine
Satishchandran, C.
Zurawksi, Vincent
Mintz, Liat

<120> Conserved HBV and HCV Sequences Useful for Gene Silencing

<130> 26788-024

<160> 76

<170> PatentIn version 3.2

<210> 1

<211> 138

<212> DNA

<213> Hepatitis B virus

<220>

<221> misc_feature

<222> (137)..(137)

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caattttcta ggggdany 138

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<211> 26

<212> DNA

<213> Hepatitis B virus

<400> 2

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<213> Hepatitis B virus

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<222> (140)..(140)

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26788-024 sequence listing.txt

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<210> 4
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<400> 4
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<210> 5
<211> 102
<212> DNA
<213> Hepatitis B virus

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<212> DNA
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<210> 7
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<212> DNA
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<210> 8
<211> 101
<212> DNA
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26788-024 sequence listing.txt

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cggacgaccc n 71

<210> 11
<211> 490
<212> DNA
<213> Hepatitis C virus

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<223> n is a, c, g, or t

<220>

26788-024 sequence listing.txt

<221> misc_feature
<222> (434)..(434)
<223> n is a, c, g, or t

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<223> n is a, c, g, or t

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<222> (476)..(476)
<223> n is a, c, g, or t

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<221> misc_feature
<222> (488)..(488)
<223> n is a, c, g, or t

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aaccggtgag tacaccggaa ttgccrghah gaccgggtcc tttcttggat daaccgcgtc 180
watgccyggg vatttgggag tgccccgcr agacygctag ccgagtagyg ttgggtygcg 240
aaaggccttg tggtagtgcc tgataggggtg cttgcgagtg ccccggggagg tctcgtagac 300
cgtgcahcat gagcacrmwt cchaaacchc aaagaaaaac caaamgwaac accaaccgyc 360
gccacacagga cgthaagttc ccgggygggg ghcagatcgt tggbggagth tacbtgttgc 420
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chcghggnag 490

<210> 12
<211> 29
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<213> Hepatitis C virus

<220>
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<223> n is a, c, g, or t

<400> 12
atggcntggg atatgatgat gaactggyc 29

<210> 13
<211> 265
<212> DNA
<213> Homo sapiens

<400> 13
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aaggctgtta gagagataat tagaattaat ttgactgtaa acacaaagat attagtacaa 120
aatacgtgac gtagaaagta ataatttctt gggtagtttg cagttttaaa attatgtttt 180
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26788-024 sequence listing.txt

atctttgtgga aaggacgaaa caccg 265

<210> 14
<211> 51
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<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 788-808 in
GenBank accession # V01460

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cgtctgcgag gcgagggagt tagagaactt aactccctcg cctcgagac g 51

<210> 15
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 807-827 in
GenBank accession # V01460

<400> 15
ttcttcttct aggggacctg cagagaactt gcaggtcccc tagaagaaga a 51

<210> 16
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1291-1311
in GenBank accession # V01460

<400> 16
aagccaccca aggcacagct tagagaactt aagctgtgcc ttgggtggct t 51

<210> 17
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1299-1319
in GenBank accession # V01460

<400> 17
caaggcacag cttggaggct tagagaactt aagcctccaa gctgtgcctt g 51

<210> 18
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1737-1757
in GenBank accession # V01460

<400> 18
ggattcagcg ccgacgggac gagagaactt cgtcccgtcg gcgctgaatc c 51

26788-024 sequence listing.txt

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<210> 19
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1907-1927
      in GenBank accession # V01460

<400> 19
ttccgcagta tggatcggca gagagaactt ctgccgatcc atactgcgga a          51

<210> 20
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1912-1932
      in GenBank accession # V01460

<400> 20
cagtatggat cggcagagga gagagaactt ctctctgcc gatccatact g          51

<210> 21
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1943-1963
      in GenBank accession # V01460

<400> 21
tccacgcatg cgctgatggc cagagaactt ggccatcagc gcatgcgtgg a          51

<210> 22
<211> 51
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<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1991-2011
      in GenBank accession # V01460

<400> 22
tgcgtcagca aacacttggc aagagaactt tgccaagtgt ttgctgacgc a          51

<210> 23
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 2791-2811
      in GenBank accession # V01460

<400> 23
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26788-024 sequence listing.txt

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<210> 24
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates
      2791-2811mut in GenBank accession # V01460

<400> 24
aaaacaccac acacgcatcc aagagaactt tggatgcgtg tgtggtgttt t          51

<210> 25
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 2912-2932
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<400> 25
ttgagagaag tccaccacga gagagaactt ctcgtggtgg acttctctca a          51

<210> 26
<211> 51
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 2919-2939
      in GenBank accession # V01460

<400> 26
aagtccacca cgagtctaga cagagaactt gtctagactc gtggtggact t          51

<210> 27
<211> 101
<212> DNA
<213> Hepatitis C virus

<400> 27
tttggtggct ccatcttagc cctagtcacg gctagctgtg aaagggtccgt gagccgcttg          60
actgcagaga gtgctgatac tggcctctct gcagatcaag t          101

<210> 28
<211> 29
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C virus

<400> 28
gctaaacact ccaggccaat acctgtctc          29

<210> 29
<211> 29
<212> DNA
<213> Artificial

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26788-024 sequence listing.txt

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<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 29
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<210> 30
<211> 29
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 30
gctccatctt agccctagtc acctgtctc                                     29

<210> 31
<211> 29
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 31
tccttagcct agtcacggct acctgtctc                                     29

<210> 32
<211> 29
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 32
cctagtcacg gctagctgtg acctgtctc                                     29

<210> 33
<211> 29
<212> DNA
<213> Artificial

<220>
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<400> 33
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<210> 34
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26788-024 sequence listing.txt

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<213> Artificial

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<400> 35
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<210> 36
<211> 29
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 36
actggcctct ctgcagatca acctgtctc 29

<210> 37
<211> 21
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 37
ctggcctctc tgcagatcaa g 21

<210> 38
<211> 21
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 38
tgcagagagt gctgatactg g 21

<210> 39
<211> 21
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 39
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<210> 40
<211> 20
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

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26788-024 sequence listing.txt

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<210> 41
<211> 21
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

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tagctgtgaa aggtccgtga g 21

<210> 42
<211> 21
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 42
ttagccctag tcacggctag c 21

<210> 43
<211> 21
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 43
tccatcttag ccctagtcac g 21

<210> 44
<211> 21
<212> DNA
<213> Artificial

<220>
<223> siRNA encoding sequence mapping to X region of Hepatitis C Virus

<400> 44
ttggtggctc catcttagcc c 21

<210> 45
<211> 21
<212> RNA
<213> Hepatitis C virus

<400> 45
aaccucaaag aaaaaccaa c 21

<210> 46
<211> 21
<212> RNA
<213> Artificial

26788-024 sequence listing.txt

<220>

<223> lamin siRNA

<400> 46

aacuggacuu ccagaagaac a

21

<210> 47

<211> 2652

<212> DNA

<213> Bacteriophage T7

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gctggtgagg ttgcgataa cgctgccgcc aagcctctca tcactaccct actccctaag	240
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26788-024 sequence listing.txt

tctggcatcc agcacttctc cgcgatgctc cgagatgagg taggtggctg ggcggttaac	1680
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aacactgggtg aaatctctga gaaagtcaag ctgggcacta aggcactggc tgggtcaatgg	1860
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attaacacca acaaagatag cgagattgat gcacacaaac aggagtctgg tatcgtcct	2340
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gtactggctg atttctacga ccagttcgct gaccagttgc acgagtctca attggacaaa	2580
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gcgttcgcgt aa	2652

<210> 48
 <211> 323
 <212> DNA
 <213> Artificial

<220>
 <223> T7 polymerase-based eiRNA

<400> 48	
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ccggtgagta caccggaatt gccaggacga ccgggtcctt tcttgatga acccgctcaa	180
tgcttgagga tttgggcgtg ccccgcgag actgctagcc gagtagtgtt gggtcgcgaa	240
aggccttggt gtactgcctg atagggtgct tgcgagtgcc ccgggagggtc tcgtagaccg	300
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<210> 49
 <211> 51
 <212> DNA
 <213> Artificial

<220>
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26788-024 sequence listing.txt

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<400> 49
gcctcgcaga cgaaggcttc aagagaactt tgagaccttc gtctgcgagg c          51

<210> 50
<211> 21
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 788-808 in
      GenBank accession # V01460

<400> 50
cgtctgcgag gcgagggagt t          21

<210> 51
<211> 21
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 807-827 in
      GenBank accession # V01460

<400> 51
ttcttcttct aggggacctg c          21

<210> 52
<211> 21
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1291-1311
      in GenBank accession # V01460

<400> 52
aagccaccca aggcacagct t          21

<210> 53
<211> 21
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1299-1319
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<400> 53
caaggcacag cttggaggct t          21

<210> 54
<211> 21
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1737-1757
      in GenBank accession # V01460

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ggattcagcg ccgacgggac g 21

<210> 55
 <211> 21
 <212> DNA
 <213> Artificial

<220>
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 in GenBank accession # V01460

<400> 55
 ttccgcagta tggatcggca g 21

<210> 56
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1912-1932
 in GenBank accession # V01460

<400> 56
 cagtatggat cggcagagga g 21

<210> 57
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1943-1963
 in GenBank accession # V01460

<400> 57
 tccacgcatg cgctgatggc c 21

<210> 58
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> eiRNA encoding sequence mapping to HBV-AYW coordinates 1991-2011
 in GenBank accession # V01460

<400> 58
 tgcgtcagca aacacttggc a 21

<210> 59
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> eiRNA encoding sequence mapping to HBV-AYW coordinates 2791-2811
 in GenBank accession # V01460

<400> 59
 aaaacgccgc agacacatcc a 21

26788-024 sequence listing.txt

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<210> 60
<211> 21
<212> DNA
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<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 2912-2932
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<400> 60
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<210> 61
<211> 21
<212> DNA
<213> Artificial

<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 2919-2939
      in GenBank accession # V01460

<400> 61
      aagtccacca cgagtctaga c                                21

<210> 62
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<220>
<223> eiRNA encoding sequence mapping to HBV-AYW coordinates 799-779 in
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<400> 62
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26788-024 sequence listing.txt

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26788-024 sequence listing.txt

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26788-024 sequence listing.txt

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27

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